## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Dingding CHEN et al. Confirmation No.: 7123

Serial No.: 10/600,991 Group Art Unit: 2129

Filed: June 19, 2003 Examiner: Benjamin J. Buss

For: Processing Well Logging Docket No.: 1391-20308

Data with Neural Network §

## SECOND PRELIMINARY AMENDMENT

Date: August 6, 2010

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

## **AMENDMENT**

Sir:

Applicants file this Second Preliminary Amendment contemporaneously with filing a Renewed Petition under 37 C.F.R. 1.178(a)(3). It is Applicants understanding that entry of the Preliminary Amendment submitted April 20, 2010, was refused based on the presence of incorporation by reference. Thus, prior to the examination of the case, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

List of Claims begin on page 3 of this paper.

Remarks begin on page 10 of this paper.